



DTA Rec'd PCT/PTO 18 Oct 2002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Howard Kaplan et al.  
Title: ENHANCED PHAGE DISPLAY LIBRARIES OF HUMAN VH FRAGMENTS AND METHODS FOR PRODUCING SAME  
Serial No.: 10/070,503  
Inter. Filing Date: September 27, 2000  
Inter. Appl. No.: PCT/CA00/01027  
Attorney Docket No: 33956-0049

**INFORMATION DISCLOSURE STATEMENT**

To: BOX PATENT APPLICATION  
Assistant Commissioner for Patents and Trademarks,  
Washington, D.C., 20231, U.S.A.

October 9, 2002

**BY COURIER**

Dear Sirs:

In accordance with the duty of disclosure as set forth in 37 C.F.R. 1.56, the applicant hereby requests that the prior art listed in the attached form PTO-1449 be officially made of record in this application in accordance with 37 C.F.R. 1.97-1.98.

Enclosed with this letter are the following:

1. Form PTO 1449; and
2. A copy of each reference listed in form PTO 1449.

This Information Disclosure Statement is being filed pursuant to 37 C.F.R. 1.97(b) since it is filed within three months of the filing date of the application and/or before the mailing of a first Office Action on the merits.

Should the Examiner have any questions concerning this submission, please contact David Heller at (416) 868-1482.

Respectfully submitted,

**HOWARD KAPLAN ET AL.**

By:   
David J. Heller, Reg No. 43,384

Encls.

Copies of references

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DJH:lc



## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Deng et al. (1995) Proc. Natl. Acad. Sci. USA <u>92</u> : 4992-4996
		Kruif et al. (1995) J. Mol. Biol. <u>248</u> : 97-105
		Davies and Riechmann (1995) Biotechnology <u>13</u> : 475-479
		Davies and Riechmann (1996) Protein Engineering <u>9</u> : 531-537
		Davies and Riechmann (1996) Immunotechnology <u>2</u> : 169-179
		Mulligan-Kehoe and Russo (1999) J. Mol. Biol. <u>289</u> : 41-55
		Reiter et al. (1999) J. Mol. Biol. <u>290</u> : 685-698
		Nuttall et al. (1999) Proteins: Structure, Function and Genetics <u>36</u> : 217-227
		Sheriff and Constantine (1996) Nature Structural Biology <u>3</u> : 733-736
		Riechmann (1996) J. Mol. Biol. <u>259</u> : 957-969
		Desmyter et al. (1996) Nature Structural Biology <u>3</u> : 803-811
		Decanniere et al. (1999) Structure <u>7</u> : 351-370
		Hanes and Pluckthun (1999) <i>In Vitro Selection Methods for Screening of Peptide and Protein Libraries</i> <u>243</u> : 107-122
		Lauwereys et al. (1998) The EMBO Journal <u>17</u> : 3512-3520
		Deng et al. Methods in Molecular Biology <u>51</u> : 329-342
		Ma et al. (1999) Science in China Series C Life Sciences <u>42</u> : 191-201 (abstract)
		de Kruif et al. (1995) J. Mol. Biol. <u>248</u> : 97-105 (abstract)
EXAMINER		DATE CONSIDERED
<p>* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

<b>Form PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> <b>(Rev. 2-32) PATENT AND TRADEMARK OFFICE</b>				<b>Attorney Docket No.</b> 33956-0049		<b>Serial No.</b> 10/070,503	
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center; margin-right: 10px;">             INFORMATION              OCT 10 2002              PATENT &amp; TRADEMARK OFFICE           </div> <div> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>              (Use Several Sheets if Necessary)           </div> </div>				<b>Applicant:</b> Howard Kaplan et al.			
				<b>Filing Date</b>		<b>Group Art Unit:</b>	

  

U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5,702,892	Dec. 30/97	Mulligan-Kehoe			
	5,759,808	June 2/98	Casterman et al.			
	5,851,801	Dec. 22/98	Moore et al.			

## FOREIGN PATENT DOCUMENTS

						Translation	
Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Yes	No
	WO95/35374	16-06-1995	PCT				
	WO00/29004	02-11-1999	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Glaser et al. (1992) Journal of Immunology <u>149</u> : 3903-3912
		Deng et al. (1993) Nucleic Acids Research <u>21</u> : 4418-4419
		Muyldermans et al. (1994) Protein Engineering <u>7</u> : 1129-1135
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